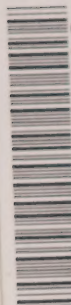


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*Combined Report of the
Survey of 1972 Graduates of
Colleges of Applied Arts and Technology
&
Second Annual Follow-up
Survey of 1971 Graduates of
Colleges of Applied Arts and Technology*

MINISTRY OF COLLEGES AND UNIVERSITIES
DECEMBER 1972



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Introduction

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This paper briefly describes the results of two surveys of the *graduates of colleges of applied arts and technology* carried out jointly by the Ministry of Colleges and Universities and the colleges. The first survey was a study of the employment of the 1972 graduates; the second, a study of the 1971 graduates one year after graduation as part of the five-year follow-up study of these graduates. The results of the survey of these same graduates immediately after graduation has been reported earlier¹.

The age distribution of these graduates is given in Table 4. The age mix of the 1972 graduates was slightly different from that of 1971 graduates. In 1972 more graduates were 19 or younger (11.9% versus 6.9%) and more were 25 or older (14.5% versus 12.0%) as compared to the 1971 graduates.

As can be seen, a large proportion (78.5% and 73.1%) of the graduates are in the 20-24 age group. It is therefore reasonable to compare the unemployment rate with the rate for the same age group provided by Statistics Canada¹. Last year 9.9% of the graduates were unemployed compared to 9.2%² for Canada and 7.9%² for Ontario for the total 20-24 age group. In August 1972, the unemployment rate for this age group in Ontario was 7.3% while the rate for the 1971 graduates in 1972 was 6.8% and the rate

for the 1972 graduates was 8.9%. In conjunction with these points, it should be noted that total requirements in Canada for new community college graduates reported by national employers for all fields of study showed a decrease of nearly 22% between 1971 and 1972³.

The distribution of the 1971 graduates in 1972 and of the 1972 graduates by type of employer and position held is displayed in Tables 5 and 6. It is significant that for the 1972 graduates almost 22% of the positions were in the skilled, semi-skilled and labourer classifications as compared to 8% for the 1971 graduates in 1972. For the 1971 graduates in 1972, it is seen that a large percentage (34.4%) hold professional and technical positions. This is as would be expected one year past graduation, after promotions and job changes.

Table 7 sets out the answers to some additional questions which were asked of the 1971 graduates in 1972. It is interesting that over 40% of those answering the question reported a change in job since last year. Over 70% have had uninterrupted employment since graduation. The large percentage (68.5%) who indicated they did not have to leave home to accept a job point out the community-oriented approach of the colleges of applied arts and technology.

¹Ministry of Colleges and Universities, Statistics Branch. *Final Report of the 1971 CAAT Graduate Survey*. Toronto: May, 1972.

²Statistics Canada, *Monthly Labour Force Bulletin*, August 1972.

³Department of Manpower and Immigration, *Manpower Information and Analysis Program Development. Requirements and Salaries*, Ottawa, 1972. p.6.

Highlights of the Study

Table 1 indicates that the employment rate of the 1972 graduates is substantially the same as that of the 1971 graduates one year after graduation (83.6% and 83.1% respectively). Both are significantly higher than that of the 1971 graduates in their year of graduation. However, while as noted above, the employment rate is high for the 1972 graduates, the proportion holding full-time jobs is lower than the 1971 graduates either in 1971 or in 1972 (79.3% versus 87.1% and 89.4%). For the 1971 graduates it appears that, while the proportion holding part-time jobs has decreased, there has been an increase in the proportion holding temporary jobs between 1971 and 1972 (6.6% in 1972 versus 1.1% in 1971).

The unemployment rate for the 1972 graduates in the year of graduation (8.9%) is lower than that of the previous years graduating class (9.9%). It is, as would be expected, higher than the unemployment rate for the 1971 graduates a year after graduation (6.8%).

This year 6.2% of the 1972 graduates continued their education on a full-time basis. This is even lower than the 10.7% of the 1971 graduates who continued in school last year.

The salary distributions are shown in Table 2. It is seen that about 45% of the employed 1972 graduates earned more than \$6,000 per annum. This is substantially higher than the 36% of the 1971 graduates who were in this range a year earlier. It compares favourably with the 51% of the 1971

graduates who are in this range this year. In addition, it is noted that the 1971 graduates have experienced, in general, a substantial increase in salary; there are 15% more in the \$6,000 and over range. It is also important to note that the proportion starting after graduation at less than \$4,500 per annum is down by more than 5% between 1971 and 1972.

Table 3 gives data on the length of time between graduation and employment. The tables show that for the 1972 graduates 49% were able to secure a job before graduation. This is slightly lower than for the 1971 graduates (55%). However, of the 1972 graduates almost 80% had a job within 4 weeks after graduation as compared to less than 70% in 1971.

Table 1

1971 & 1972 GRADUATES OF COLLEGES OF APPLIED ARTS AND TECHNOLOGY

Employment Status

| | 1971 GRADUATES | | 1972 GRADUATES |
|----------------------|---------------------|--------|----------------|
| | in '71 ¹ | in '72 | % |
| | <hr/> | | <hr/> |
| Employed | 78.1 | 83.1 | 83.6 |
| of these: | | | |
| Full-time | 87.1 | 89.4 | 79.3 |
| Part-time | 11.8 | 4.0 | 16.6 |
| Temporary | 1.1 | 6.6 | 4.1 |
| | <hr/> | <hr/> | <hr/> |
| | 100.0 | 100.0 | 100.0 |
| Unemployed | 9.9 | 6.8 | 8.9 |
| Continuing Education | 10.7 | 7.7 | 6.2 |
| Other | 1.2 | 2.2 | 1.3 |
| | <hr/> | <hr/> | <hr/> |
| | 99.9 | 99.8 | 100.0 |

¹Ministry of Colleges and Universities, Statistics Branch.
Final Report of the 1971 CAAT Graduate Survey.
 Toronto: May, 1972.

Table 2

1971 & 1972 GRADUATES OF COLLEGES OF APPLIED ARTS AND TECHNOLOGY

Salary Distribution

| ANNUAL SALARY \$ | 1971 GRADUATES | | 1972 GRADUATES | |
|------------------------|-------------------------------------|------------------------|----------------|-------|
| | in 71 ¹ % OF EMPLOYED | in 72 % OF EMPLOYED | % OF EMPLOYED | |
| Under 4,500 | 30.8 | 17.8 | 25.4 | |
| 4,500-4,999 | 12.0 | 10.6 | 9.4 | |
| 5,000-5,499 | 11.6 | 12.4 | 14.2 | |
| 5,500-5,999 | 9.6 | 8.5 | 6.1 | |
| 6,000-6,499 | 14.0 | 13.1 | 13.1 | |
| 6,500-6,999 | 8.6 | 12.0 | 11.4 | |
| 7,000-7,999 | 10.3 | 15.3 | 13.5 | |
| 8,000-8,999 | 1.7 | 6.3 | 3.9 | |
| 9,000+ | 1.3 | 4.0 | 3.0 | |
| | 99.9 | 82.2 | 100.0 | 82.4 |
| No response | | 17.8 | | 17.6 |
| (includes unemployed) | | 100.0 | | 100.0 |

¹Ministry of Colleges and Universities, Statistics Branch.
Final Report of the 1971 CAAT Graduate Survey.
Toronto: May, 1972.

Table 3

1971 & 1972 GRADUATES OF COLLEGES OF APPLIED ARTS AND TECHNOLOGY

Weeks Unemployed Before First Job

| | 1971 GRADUATES IN 1971 ¹ % | 1972 GRADUATES % |
|-----------------------------------|---|---------------------|
| Employed before graduation | 55.2 | 48.6 |
| 1- 4 weeks | 12.9 | 30.2 |
| 5- 8 weeks | 12.9 | 10.3 |
| 9-12 weeks | 9.4 | 6.2 |
| 13-16 weeks | 5.3 | 3.6 |
| 17 weeks and over | 4.3 | 1.1 |
| | 100.0 | 75.4 |
| No response (includes unemployed) | 24.6 | 90.1 |
| | 100.0 | 9.9 |
| | | 100.0 |

¹Ministry of Colleges and Universities, Statistics Branch.
Final Report of the 1971 CAAT Graduate Survey.
Toronto: May, 1972.

Table 4

1971 & 1972 GRADUATES OF COLLEGES OF APPLIED ARTS AND TECHNOLOGY

Age Distribution

| AGE | 1971 GRADUATES ¹ | 1972 GRADUATES |
|--------------|-----------------------------|----------------|
| | % | % |
| 17 and under | — | — |
| 18 | 0.5 | 2.4 |
| 19 | 6.2 | 9.5 |
| 20 | 18.0 | 19.6 |
| 21 | 22.5 | 23.7 |
| 22 | 20.6 | 16.4 |
| 23 and 24 | 17.4 | 13.4 |
| 25-29 | 7.1 | 7.4 |
| 30 and over | 4.9 | 7.1 |
| No response | 2.8 | 0.5 |
| | 100.0 | 100.0 |

¹Ministry of Colleges and Universities, Statistics Branch.
Final Report of the 1971 CAAT Graduate Survey.
Toronto: May, 1972.

Table 5

1971 & 1972 GRADUATES OF COLLEGES OF APPLIED ARTS AND TECHNOLOGY

Distribution by Type of Employer

| | 1971 GRADUATES IN 1972 % | 1972 GRADUATES % | |
|--------------------------------------|--------------------------------|---------------------|-------|
| Agriculture | 0.7 | 1.7 | |
| Mining | 3.8 | 3.3 | |
| Manufacturing | 14.5 | 16.8 | |
| Construction | 4.2 | 5.9 | |
| Transportation & Communication | 8.9 | 7.6 | |
| Trade (Retail or Wholesale) | 10.8 | 9.7 | |
| Personal Services | 2.5 | 1.5 | |
| Education & Related Services | 7.5 | 5.0 | |
| Health, Welfare & Community Services | 14.2 | 17.8 | |
| Amusement and Recreation Services | 2.4 | 1.5 | |
| Other Services | 13.6 | 15.7 | |
| Public Utilities | 2.4 | 0.9 | |
| Government | 14.3 | 12.2 | |
| Other | 0.1 | 0.4 | |
| TOTAL | 99.9 | 83.2 | 100.0 |
| | | | 84.5 |
| No response | | 16.8 | 15.5 |
| | | 100.0 | 100.0 |

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Table 6

1971 & 1972 GRADUATES OF COLLEGES OF APPLIED ARTS AND TECHNOLOGY

Distribution by Positions Held

| | | 1971 GRADUATES IN 1972 | | 1972 GRADUATES | |
|-------------------------------------|----------------|---------------------------|-------|----------------|-------|
| | | % | | % | |
| Professional and Technical | | 34.4 | | 4.0 | |
| Professional and Technical Support | | 11.1 | | 29.4 | |
| Management, Exec., & Admin. | | 12.1 | | 10.4 | |
| Clerical & Secretarial | | 22.6 | | 22.7 | |
| Sales and Merchandising | | 5.6 | | 3.8 | |
| Service | | 4.3 | | 5.8 | |
| Recreation | | 2.0 | | 1.8 | |
| Skilled and Semi-skilled | | 3.7 | | 15.8 | |
| Labourer (Non-Agricultural) | | 3.3 | | 5.1 | |
| Labourer (Agricultural) | | 0.7 | | 0.9 | |
| Other Miscellaneous | | 0.1 | | 0.2 | |
| TOTAL | | 99.9 | 83.2 | 99.9 | 84.4 |
| | No response | | 16.8 | | 15.5 |
| | | | 100.0 | | 99.9 |
| | | | | | |
| Is job related to college training? | YES | 71.3 | | 75.3 | |
| | NO | 28.7 | | 24.7 | |
| | | 100.0 | 85.0 | 100.0 | 84.5 |
| | Not applicable | | 15.0 | | 15.5 |
| | | | 100.0 | | 100.0 |

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Table 7

1971 GRADUATES OF COLLEGES OF APPLIED ARTS AND TECHNOLOGY IN 1972

Additional Questions

| | | | |
|--|-----------------------|--------------|--------------|
| Change in job reported last year | YES | 41.2 | |
| | NO | 58.8 | |
| | | <u>100.0</u> | 78.4 |
| | No response | | 21.6 |
| | (includes unemployed) | | <u>100.0</u> |
| Satisfied with present job | YES | 77.6 | |
| | NO | 22.4 | |
| | | <u>100.0</u> | 82.2 |
| | No response | | 17.8 |
| | (includes unemployed) | | <u>100.0</u> |
| Left home to accept job | YES | 31.5 | |
| | NO | 68.5 | |
| | | <u>100.0</u> | 82.8 |
| | No response | | 17.2 |
| | (includes unemployed) | | <u>100.0</u> |
| Uninterrupted employment since graduation | YES | 70.2 | |
| | NO | 29.8 | |
| | | <u>100.0</u> | 83.3 |
| | No response | | 16.7 |
| | (includes unemployed) | | <u>100.0</u> |
| Taking courses at the moment | YES—full-time | 12.6 | |
| | —part-time | 87.4 | |
| | | <u>100.0</u> | 20.0 |
| | NO | | 64.8 |
| | No response | | 15.1 |
| | (includes unemployed) | | <u>99.9</u> |
| If unemployed now, were you employed after graduation (<i>applicable to approximately 16% of graduates</i>) | YES | | 58.8 |
| | NO | | 41.2 |
| | | | <u>100.0</u> |

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